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DOCKET NUMBER 70086	APPLICATION NUMBER 08/669,656
APPLICANT WOOD ET AL	
FILING DATE JUNE 24, 1996	GROUP ART UNIT 1818

**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
MPA	5,380,836	1/10/95	ROGART, RICHARD B.	—	—	

**FOREIGN PATENT DOCUMENTS**

	Document Number	Date	Country	Class	Subclass	Translation Yes <input type="checkbox"/> No <input type="checkbox"/>

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

MPA	Rogart, R. B. et al, "Identification of Two Sodium Channel Subtypes in Chick Heart and Brain", <i>Proc. Natl. Acad. Sci USA</i> , Vol. 80, pp. 1106-1110, February 1983.
MPA	Rogart, R. B. et al, "Molecular Cloning of a Putative Tetrodotoxin-Resistant Rat Heart Na+ Channel Isoform", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 86, pp. 8170-8174, October 1989.
MPA	Beckh, Synnove; "Differential Expression of Sodium Channel mRNAs in Rat Peripheral Nervous System and Innervated Tissues", <i>FEBS Letters</i> , Vol. 262, No. 2, pp. 317-322, March 1990.
MPA	Tanelian, Darrell L. et al., "Neuropathic Pain Can Be Relieved By Drugs That Are Use-dependent Sodium Channel Blockers: Lidocaine, Carbamazepine, and Mexiletine", <i>Anaesthesiology</i> , 74:949-951, May 1991.
MPA	West, James W. et al., "Efficient Expression of Rat Brain Type IIA Na+ Channel $\alpha$ Subunits in a Somatic Cell Line", <i>Neuron</i> , Vol. 8, 59-70, January 1992.
MPA	Roy, Mary Louise et al., "Differential Properties of Tetrodotoxin-sensitive and Tetrodotoxin-resistant Sodium Channels in Rat Dorsal Root Ganglion Neurons", <i>The Journal of Neuroscience</i> , 12(6): 2104-2111, June 1992.
MPA	Gautron, Sophie et al., "The Glial Voltage-gated Sodium Channel: Cell- and tissue-specific mRNA Expression", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 89, pp. 7272-7276, August 1992.
MPA	Caffrey, J. M. et al., "Three Types of Sodium Channels in Adult Rat Dorsal Root Ganglion Neurons", <i>Brain Research</i> , 492, 283-297 (1992).
MPA	Ahmed, C. M. I. et al., "Primary Structure, Chromosomal Localization, and Functional Expression of a Voltage-gated Sodium Channel from Human Brain", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 89, pp. 8220-8224, September 1992.
MPA	Elliott, A. A., et al., "Characterization of TTX-sensitive and TTX-resistant Sodium Currents in Small Cells From Adult Rat Dorsal Root Ganglia", <i>Journal of Physiology</i> (1993), 463, pp. 39-56.

EXAMINER

Mallen

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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

MPA	Jeftinija, Srdija, "The Role of Tetrodotoxin-Resistant Sodium Channels of Small Primary Afferent Fibers", <i>Brain Research</i> 639 (1994) 125-134.
MPA	Jeftinija, Srdija, "Bradykinin Excites Tetrodotoxin-resistant Primary Afferent Fibers", <i>Brain Research</i> 665 (1994) 69-76.
MPA	Klugbauer, Norbert et al., "Structure and Functional Expression of a New Member of the Tetrodotoxin-Sensitive Voltage-Activated Sodium Channel Family From Human Neuroendocrine Cells", <i>The EMBO Journal</i> , Vol. 14, No. 6, pp. 1084-1090, 1995.
MPA	Schaller, Kristin L. et al., "A Novel, Abundant Sodium Channel Expressed in Neurons and Glia", <i>The Journal of Neuroscience</i> , May 1995, 15(5): 3231-3242.
MPA	Akopian, Armen et al., "Peripheral Nervous System-specific Genes Identified by Subtractive cDNA Cloning", <i>The Journal of Biological Chemistry</i> , Vol. 280, No. 36, September 8, 1995, pp. 21264-21270.
MPA	Akopian, Armen et al., "A Tetrodotoxin-resistant Voltage-gated Sodium Channel Expressed by Sensory Neurons", <i>Nature</i> Vol. 379, 18 January 1996.
MPA	Sangameswaran, Lakshmi et al, "Structure and Function of a Novel Voltae-gated Tetrodotoxin-resistant Sodium Channel Specific to Sensory Neurons", <i>The Journal of Biological Chemistry</i> , Vol. 271, No. 11, pp. 5953-5956, March 15, 1996
MPA	Gene Bank accession No. U 53833 showing <i>Rattus norvegicus</i> sodium channel PN3 gene, and amino acid sequence as referred in Sangameswaran, L. et al. <i>J. Biol. Chem.</i> 271, 5953-5957 (1996)
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						Yes <input type="checkbox"/> No

**OTHER DOCUMENTS** (*Including Author, Title, Date, Pertinent Pages, Etc.*)

MPA	Arbuckle, J. B. et al., "Expression of Tetrodotoxin Resistant Sodium Channels in Capsaicin-Sensitive Dorsal Root Ganglion Neurons of Adult Rats", <i>Neuroscience Letters</i> , Vol. 185, pp. 70-73, 1995.
MPA	Schwartz A. et al., "Structural and Developmental Differences Between Three Types of Na Channels in Dorsal Root Ganglion Cells of Newborn Rats", <i>Journal of Membrane Biology</i> , Vol. 116, pp. 117-128, 1990.

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